Appl. No. 10/061,065

Amendment dated: September 22, 2003

Reply to OA of June 20, 2003

Amendments to the Specification:

Please replace the last paragraph on page 1 (line 14 of page 1 to line 2 of page 2) with the following amended paragraph:

Household refrigerators generally include an outer cabinet and an inner liner with a foam insulation member interposed therebetween. Two side walls and a top wall of the outer cabinet are formed out of a single piece of sheet metal. Front edge portions of the side walls and the top wall are bent to form two front side face portions and a top front face portions, respectively. Thereafter, upper edges of the front side face portions are welded with corresponding edges of the top front face portions. Further, since the outer cabinet is formed from sheet metal or similar generally flexible material, the outer cabinet requires to be reinforced in order to adequately withstand loads exerted thereon during normal use of the refrigerator. Such reinforcing members are welded to the outer case cabinet to increase structural rigidity thereof.

Please replace the first paragraph on page 2 with the following amended paragraph:

The foam insulation member is usually formed out of polyurethane composition material in liquid or gas form. The polyurethane composition material is introduced filled into the space between the outer cabinet and the inner liner, expand throughout the space and is then are solidified by curing a curing process to form the foam insulation member. This foam insulation member which adheres to both the outer cabinet and the inner liner increases structural rigidity of the outer cabinet.

Please replace the second paragraph on page 2 with the following amended paragraph:

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However, when the foam insulation member is formed from the polyurethane composition material, lots of chlorofluorocarbon (CFC) gases are used, which destructs ozone layer cause environmental pollution such as ozonosphere destruction in stratosphere. In order to prevent such a problem, it is preferable to employ insulating materials such as EPS materials which do not use CFC gases in manufacturing process.

Please replace the first paragraph (lines 9 to 16) on page 5 with the following amended paragraph:

Front edge portions of each of the side walls 120 and 130 are bent inwardly so as to define a first and a second front face portions 122 and 132, respectively. Further, rear edge portions of the side walls 120 and 130 are also bent laterally inwardly so as to define a first and a second rear face portions 124 and 134, respectively. Front and rear edge portions of the top wall 100 are likewise bent to form a third front face portion 102 and a third rear face portion 104, respectively.

Please replace the first paragraph (lines 2 to 19) on page 6 with the following amended paragraph:

Reinforcing brackets 42 and 44 are also provided in order to increase the structural rigidity of the upper left and the right corner portions of the outer case 10. The reinforcing brackets 42 and 44 are have a first and a second leg portions which are arranged substantially perpendicular to each other. The reinforcing brackets 42 and 44 may be secured to the outer case 10 by the same self-drilling screws 45 which are used for securing the upper front reinforcing member 40. In order to align the screw holes of the reinforcing brackets 42 and 44 to those of the upper front reinforcing member 40, protrusions are provided on the upper front reinforcing member 40 and receiving holes for accommodating the protrusions are provided on the reinforcing brackets 42 and 44. In such a configuration, time required for assembly can be decreased since the reinforcing brackets 42 and 44 are properly positioned on the upper front reinforcing member 40 just by matching the protrusions and the receiving holes.

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Please replace the last paragraph on page 6 (line 20 of page 6 to line 25 of page 7) with the following amended paragraph:

Reference will now be made to Fig. 2 in describing a first and a second lower side reinforcing members 20 and 22 and a lower front reinforcing member 30. Each lower side reinforcing member 20 and 22 is in a U-shape and manufactured out of a relatively thick steel sheet. The lower side reinforcing members 20 and 22 are located along the inner surfaces of the lower edges of the left and the right side walls 120 and 130. Each lower side reinforcing member 20 and 22 is secured by, e.g., self-drilling screws to the first and the second front face portions 122 and 132 and the first and the second rear face portions 124 and 134. The lower front reinforcing member 30 has a shape of elongated rectangular bar. Both side end portions of the lower front reinforcing member 30 are secured to the inner surface of the first and the second front face portions 122 and 132, respectively. Preferably, the lower front reinforcing member 30 is first secured to the side reinforcing members 20 and 22 and, then, the lower side reinforcing members 20 and 22 are secured to the outer casing 10. In order to increase the structural rigidity of the refrigerator cabinet, the lower side reinforcing members 20 and 22 are connect connected by one or more steel plates. For example, a first and a second base plate 24 and 26 can be secured to the lower surfaces of the lower side reinforcing members 20 and 22. On the second base plates 26, a compressor (not shown) prepared for the refrigerating cycle of the refrigerator can be located. The base plates 24 and 26 may also be secured by self-drilling screws. Further, a bottom plate 140 is provided above the lower side reinforcing members 20 and 22. The bottom plate 140 may be secured to the lower side reinforcing members 20 and 22 via blocks (not shown) having a generally C-shaped cross section.

Please replace the paragraph on page 12 (Abstract) with the following amended paragraph:

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A refrigerator cabinet assembly is disclosed. The refrigerator cabinet assembly has an outer case including two laterally spaced side walls and a top wall interconnecting the two side walls. Each of the side walls and the top wall is provided with front face portions and rear face portions. The structural strength rigidity of the outer case is increased by a plurality of reinforcing members. Said plurality of The reinforcing members are secured to the outer case by, e.g., self-drilling screws. The refrigerator cabinet assembly is devoid of welded portion portions.